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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/064,595	07/29/2002	Ju-Nan Chang	LACP0005USA	5127
27765	7590	05/19/2006	EXAMINER	
NORTH AMERICA INTELLECTUAL PROPERTY CORPORATION P.O. BOX 506 MERRIFIELD, VA 22116			ALAM, SHAHID AL	
			ART UNIT	PAPER NUMBER
			2162	

DATE MAILED: 05/19/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/064,595

Applicant(s)

CHANG ET AL.

Examiner

Shahid Al Alam

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 10 February 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3,5,6 and 8-13 is/are rejected.
- 7) ☒ Claim(s) 4 and 7 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 29 July 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Response to Arguments*

1. Applicant's arguments filed February 10, 2006 have been fully considered but they are not persuasive for the following reasons.

Applicants' main argument is that combination is unreasonable.

Examiner respectfully disagrees the allegations as argued.

Examiner is entitled to give claim limitations their broadest reasonable interpretation in light of the specification.

Interpretation of Claims-Broadest Reasonable Interpretation (see MPEP 2111)

During patent examination, the pending claims must be 'given the broadest reasonable interpretation consistent with the specification.' Applicant always has the opportunity to amend the claims during prosecution and broad interpretation by the examiner reduces the possibility that the claim, once issued, will be interpreted more broadly than is justified. *In re Prater*, 162 USPQ 541,550-51 (CCPA 1969).

In response to applicant's argument that the combination is unreasonable or there is no suggestion to combine the references, the examiner recognizes that obviousness can only be established by **combining or modifying the teachings of the prior art to produce the claimed invention where there is some teaching, suggestion, or motivation to do so found either in the references themselves or in the knowledge generally available to one of ordinary skill in the art**. See *In re Fine*, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988) and *In re Jones*, 958 F.2d 347, 21 USPQ2d 1941 (Fed. Cir. 1992). In this case, it would have been obvious to enable

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the system provided the module which contains one mapping table selectable by the security code transferred with the packet that arrives on the module and the termination device connected to the module and receives the packet arriving upon that module.

For the above reasons, Examiner believed that rejection of the last Office action was proper.

***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

Claims 1 – 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent Application Publication number 2004/0003060 A1 issued to Asoh et al.(hereinafter "Asoh") and in view of U.S. Patent number 6,754,214 issued to Rupaka Mahalingaiah ("Mahalingaiah").

With respect to claim 1, Asoh discloses a method for controlling a network connection of the terminal in a wireless network system (paragraphs 0019, 0052, Asoh), the terminal capable of wirelessly transmitting and receiving data (0056, Asoh), the wireless network system comprising a plurality of wireless networks, the different wireless networks having different identities capable of being transmitted wirelessly by each wireless network (0050, 0056, Asoh), the terminal comprising:

a plurality of distinct sorting pointers, each distinct sorting pointer representing a unique priority (Distinct sorting pointer representing a unique priority as table in Figure 12B, show the higher priority (sorting in order) according to the user specified priority, and an access point with higher priority is set according to the information of the priority table corresponding to each location profile name and each network name. See also Paragraph 0085);

receiving identities of the plurality of wireless networks via wireless transmission (0056, Asoh);

a network database for recording a plurality of predetermined identities (0057, Asoh).

However, Asoh didn't explicitly disclose a plurality of configuration tables, each configuration table for corresponding one predetermined identity to one unique sorting pointer, and each configuration table having at least a unique predetermined identity which corresponds to a sorting pointer; and a status pointer for representing an operational location and time', the method comprising: choosing a configuration table from the plurality of configuration tables according to the status pointer; comparing the predetermined identity of the chosen configuration table with the identities received, and if any of the plurality of identities received matches the predetermined identity, then choosing an identity according to the sorting pointer corresponding to the status pointer. On the other hand, Mahalingaiah discloses a plurality of configuration tables, each configuration table for corresponding one predetermined identity to one unique sorting pointer, and each configuration table having at least a unique predetermined identity which corresponds to a sorting pointer (column 20, line 54 to column 21, lines 15); and a status pointer for representing an operational location and time (column 20, line 54 to column 21, line 15); the method comprising choosing a configuration table from the plurality of configuration tables according to the status pointer (col. 20, lines 62-67, Mahalingaiah); comparing the predetermined identity of the chosen configuration table with the identities received, and if any of the plurality of identities received matches the predetermined identity, then choosing an identity according to the sorting pointer corresponding to the status pointer (column 20, line 54 to column 21, line 15).

Thus, at the time invention was made, it would have been obvious to a person of ordinary skill in the art to include the steps for comparing the predetermined identity of

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the chosen configuration table with the identities received, and if any of the plurality of identities received matches the predetermined identity, then choosing an identity according to the sorting pointer corresponding to the status pointer in the system of Asoh as taught by Mahalingaiah. The motivation being to enable the system provided the module which contains one mapping table selectable by the security code transferred with the packet that arrives on the module and the termination device connected to the module and receives the packet arriving upon that module. In addition, Asoh/ Mahalingaiah discloses wirelessly connecting to the wireless network corresponding to the chosen identity (0050, Asoh).

As to claim 2, choosing an identity according to the matched sorting pointer corresponding to the predetermined identity, the predetermined identities matching the chosen identity have sorting pointers with higher priorities (0085, Asoh).

As to claim 3, the network database has a plurality of ke9 IDS stored in the database with each of key IDs corresponding to a predetermined identity (0091, Asoh); and when wirelessly connecting to the wireless network which is corresponding to the chosen identity (0085, Asoh), data being uploaded or downloaded between the terminal and the wireless network is encrypted according to the key ID corresponding to the network identity (column 15, line 60 to column 16, line 18, Mahalingaiah).

As to claim 5, each wireless network has at least an access point, and the identity of each wireless network is transmitted by the access point of each wireless network (0084, Asoh).

As to claim 6, the terminal is a notebook computer (0058, Asoh).

As to claim 8, each of the wireless networks is capable of continuously sending out a beacon signal comprising a corresponding identity of the wireless network, and the terminal is capable of receiving the plurality of identities corresponding to the wireless networks (column 18, lines 58 – 67, Mahalingaiah).

As to claim 9, choosing an identity via a predetermined method when comparing the predetermined identities of the chosen configuration table to the identities received from the terminal results in no received identities being identical to any of the predetermined identities (column 20, lines 53 to column 21, line 15, Mahalingaiah).

As to claim 10, the predetermined method chooses an identity randomly (col. 21, lines 15-33, Mahalingaiah).

As to claim 11, wirelessly connecting to the wireless network which is corresponding to the chosen identity; and updating the chosen configuration table according to the chosen identity (0084, Asoh).

As to claim 12, updating all configuration tables according to the chosen identities (0085, Asoh).

As to claim 13, each configuration table corresponds to a unique list of prioritized user preferences for a specific operational time and physical location of the terminal (column 19, lines 5 – 34, Mahalingaiah).

***Allowable Subject Matter***

3. Claims 4 and 7 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.



***Conclusion***

4. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

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***Contact Information***

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shahid Al Alam whose telephone number is (571) 272-4030. The examiner can normally be reached on Monday-Thursday 8:00 A.M.- 4:00 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John E. Breene can be reached on (571) 272-4107. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Shahid Al Alam  
Primary Examiner  
Art Unit 2162

14 May 2006